

### **AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph 0016 of the application with the following amended paragraph.

[0034] In a preferred embodiment, the fire-resistant structural composite also comprises alumina tri-hydrate. ATH is present in the structural composite to improve the peak heat release of the composite. In a preferred embodiment, the fire-resistant structural composite formulation contains about 7 - 12% ATH by weight, based on the weight of the resin. In another preferred embodiment of the invention, in which an acid-catalyzed phenolic based resin is used, the fire-resistant structural composite contains approximately 7% ATH by weight of the total composite, ~~based on the weight of the resin~~. In yet another preferred embodiment of the invention, in which a base-catalyzed phenolic based resin is used, the fire-resistant structural composite contains approximately 12% ATH by weight of the total composite, ~~based on the weight of the resin~~.